PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220
INTEU/P31704PC	ACTION		as, where applicable, item 5 below. (Earliest) Priority Date (day/month/year)
International application No.	International filing date (day/mont	vyear)	
PCT/GB2004/005463	31/12/2004 31/12/2003		31/12/2003
Applicant			
	•		•
INTELLIGENT ENERGY LIMITED) 		
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this international Sea ansmitted to the international Burea	rching Aut u.	hority and is transmitted to the applicant
This International Search Report consists	0 0 0 0 0 0 0	eets.	
X It is also accompanied by	a copy of each prior art document	cited in this	s report.
language in which it was filed, un	liess otherwise indicated utilier this	ileni.	asis of the international application in the
The International this Authority (Ru	search was carried out on the basi	s of a trans	alation of the international application furnished to
		e disclosed	d in the International application, see Box No. I.
2. X Certain claims were for	und unsearchable (See Box II).		
3. Unity of Invention is la	cking (see Box III).		•
4. With regard to the title,			•
x the text is approved as s	submitted by the applicant.		
the text has been establi	ished by this Authority to read as fo	lows:	
5. With regard to the abstract,			
	submitted by the applicant.	, thic Author	orthy as it appears in Box No. IV. The annilgant
the text has been estab may, within one month	rished, according to Hule 38.2(b), b from the date of mailing of this inter	national se	ority as it appears in Box No. IV. The applicant arch report, submit comments to this Authority.
6. With regard to the drawings,			
a. the figure of the drawings to be	published with the abstract is Figu	re No. <u>14</u>	<u> </u>
	y the applicant.		Accept a flavore
	this Authority, because the applicar		
•	this Authority, because this figure b be published with the abstract.	endi chara	OCCUPED TO THE OTHER PROPERTY.
b none of the figures is to	oo peenenee maran de deedada.		

PCT/GB2004/005463 a. classification of subject matter H01M8/04 H01M H01M8/02 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) HO1M Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with Indication, where appropriate, of the relevant passages 1-12, WO 00/63992 A (DE NORA FUEL CELLS S.P.A; X 15-26 BRAMBILLA, MASSIMO; MAZZUCCHELLI, GABRIELE) 26 October 2000 (2000-10-26) claim 1; examples 1,5 13,14,27 γ 13,14,27 US 2003/186093 A1 (ST-PIERRE JEAN ET AL) Υ 2 October 2003 (2003-10-02) claims 1-49 US 2002/102448 A1 (BREAULT RICHARD D ET χ 7 - 12AL) 1 August 2002 (2002-08-01) 15-19, 21-26 paragraph '0036! Palent family members are listed in annex. Further documents are listed in the continuation of box C. "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance invention *E* earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date document which may throw doubts on priority dalm(s) or which is cited to establish the publication date of another diation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filling date but later than the priority date claimed "&" document mamber of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 16/03/2006 9 March 2006 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl,

Fax: (+31-70) 340-3016

4

Reich, C



International Application No PCT/GB2004/005463

	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	Relevant to claim No.
Calegory °	Citation of document, with indication, where appropriate, of the relevant passages	Helevani to claim No.
X	US 6 376 111 B1 (MATHIAS MARK F ET AL) 23 April 2002 (2002-04-23)	1,4, 7-12, 15-19, 21-26
	paragraph '0017!; claims 1-19	
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X	DE 25 33 215 A1 (LICENTIA PATENT-VERWALTUNGS-GMBH; LICENTIA PATENT-VERWALTUNGS-GMBH, 60) 27 January 1977 (1977-01-27) page 6, paragraph 3 - page 8, paragraph 4	1,4, 7-12, 15-19, 21-26
A	US 6 524 733 B1 (NONOBE YASUHIRO) 25 February 2003 (2003-02-25) the whole document	1-27
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International Application No. PCT/GB2004 /005463

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 28,29

Claims 28 and 29 have not been searched under the provisions of Article 17(2)(b) PCT since these claims contain references to the drawings and since these claims are therefore so unclear that no meaningful search and examination is possible.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.



International application No. PCT/6B2004/005463

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
28, 29 Claims Nos.: 28, 29 because they relate to parts of the international Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically: See FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This international Searching Authority found multiple inventions in this international application, as follows:
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As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest.
No protest accompanied the payment of additional search fees.



Information on patent family members

International Application No PCT/GB2004/005463

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